



## DoD Numbers for Traumatic Brain Injury Worldwide – Totals

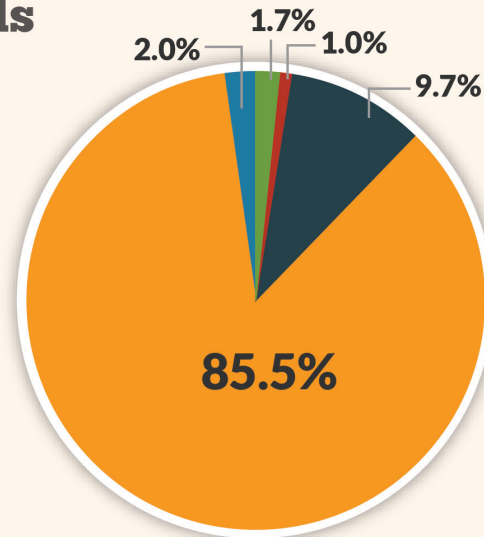
2007

Penetrating	402
Severe	236
Moderate	2,261
Mild	19,849
Not Classifiable	469

**Total - All Severities** 23,217

Source: Defense Medical Surveillance System (DMSS),  
Theater Medical Data Store (TMDS) provided by the  
Armed Forces Health Surveillance Center (AFHSC)

Prepared by the Defense and Veterans Brain Injury Center (DVBIC)  
Percentages may not add up to 100% due to rounding



2007, as of May 7, 2014

Worldwide numbers represent medical diagnoses of TBI that occurred anywhere U.S. forces are located including the continental United States since 2000.

**Concussion/Mild TBI is characterized by the following:** A confused or disoriented state which lasts less than 24 hours; loss of consciousness for up to 30 minutes; memory loss lasting less than 24 hours; and structural brain imaging (MRI or CT scan) yielding normal results.

**Moderate TBI is characterized by the following:** A confused or disoriented state which lasts more than 24 hours; loss of consciousness for more than 30 minutes, but less than 24 hours; memory loss lasting greater than 24 hours but less than seven days; and structural brain imaging yielding normal or abnormal results.

**Severe TBI is characterized by the following:** A confused or disoriented state which lasts more than 24 hours; loss of consciousness for more than 24 hours; memory loss for more than seven days; and structural brain imaging yielding normal or abnormal results.

**Penetrating TBI, or open head injury, is characterized by the following:** A head injury in which the dura mater, the outer layer of the meninges, is penetrated. Penetrating injuries can be caused by high-velocity projectiles or objects of lower velocity such as knives, or bone fragments from a skull fracture that are driven into the brain.

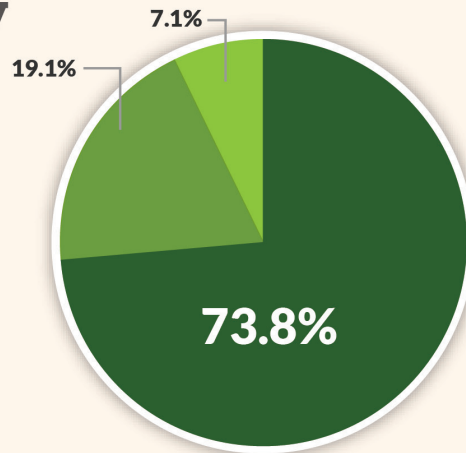


## DoD Numbers for Traumatic Brain Injury Worldwide – Army

2007

Active	10,719
Guard	2,773
Reserve	1,027

**Total - Army 14,519**



Source: Defense Medical Surveillance System (DMSS), Theater Medical Data Store (TMDS) provided by the Armed Forces Health Surveillance Center (AFHSC)

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2007, as of May 7, 2014

Service	Component	Severity	Diagnosed
Army	Active	Penetrating	232
		Severe	126
		Moderate	1,034
		Mild	9,068
		Not Classifiable	259
	Guard	Penetrating	30
		Severe	27
		Moderate	240
		Mild	2,426
		Not Classifiable	50
	Reserve	Penetrating	13
		Severe	7
		Moderate	104
		Mild	878
		Not Classifiable	25

2007 as of May 07, 2014

Source: Defense Medical Surveillance System (DMSS), Theater Medical Data Store (TMDS) provided by the Armed Forces Health Surveillance Center (AFHSC)

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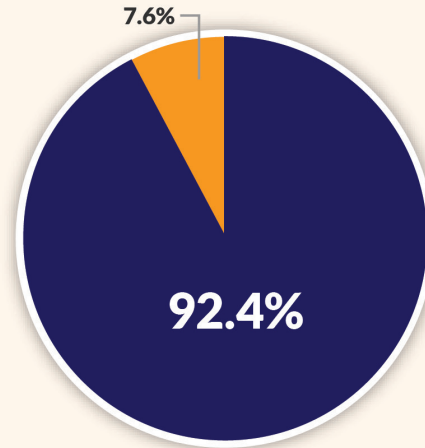
## DoD Numbers for Traumatic Brain Injury Worldwide – Navy

2007

Active	2,608
Reserve	216

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<b>Total - Navy</b>	<b>2,824</b>
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Theater Medical Data Store (TMDS) provided by the  
Armed Forces Health Surveillance Center (AFHSC)

Prepared by the Defense and Veterans Brain Injury Center (DVBIC)

2007, as of May 7, 2014

Service	Component	Severity	Diagnosed
Navy	Active	Penetrating	38
		Severe	18
		Moderate	246
		Mild	2,251
		Not Classifiable	55
	Reserve	Penetrating	1
		Severe	1
		Moderate	16
		Mild	189
		Not Classifiable	9

2007 as of May 07, 2014

Source: Defense Medical Surveillance System (DMSS),  
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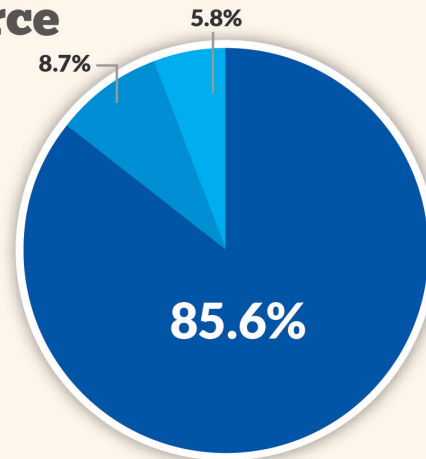
## DoD Numbers for Traumatic Brain Injury Worldwide – Air Force

2007

Active	2,343
Guard	237
Reserve	158

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**Total - Air Force** **2,738**



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Armed Forces Health Surveillance Center (AFHSC)

Prepared by the Defense and Veterans Brain Injury Center (DVBIC)  
Percentages may not add up to 100% due to rounding

2007, as of May 7, 2014

Service	Component	Severity	Diagnosed
Air Force	Active	Penetrating	29
		Severe	23
		Moderate	194
		Mild	2,057
		Not Classifiable	40
	Guard	Penetrating	5
		Severe	1
		Moderate	17
		Mild	211
		Not Classifiable	3
	Reserve	Penetrating	-
		Severe	-
		Moderate	16
		Mild	139
		Not Classifiable	3

2007 as of May 07, 2014

Source: Defense Medical Surveillance System (DMSS),  
Theater Medical Data Store (TMDS) provided by the Armed Forces Health Surveillance Center (AFHSC)

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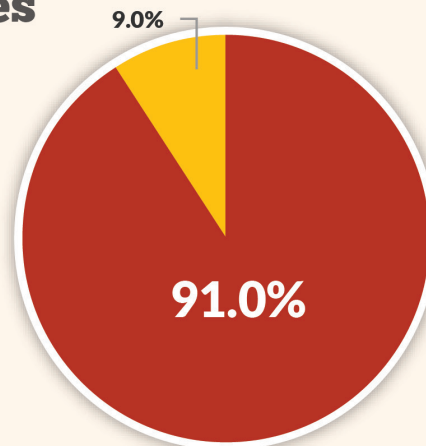
## DoD Numbers for Traumatic Brain Injury Worldwide – Marines

2007

Active	2,854
Reserve	282

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<b>Total - Marines</b>	<b>3,136</b>
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Theater Medical Data Store (TMDS) provided by the  
Armed Forces Health Surveillance Center (AFHSC)

Prepared by the Defense and Veterans Brain Injury Center (DVBIC)

2007, as of May 7, 2014

Service	Component	Severity	Diagnosed
Marines	Active	Penetrating	54
		Severe	32
		Moderate	366
		Mild	2,379
		Not Classifiable	23
	Reserve	Penetrating	-
		Severe	1
		Moderate	28
		Mild	251
		Not Classifiable	2

2007 as of May 07, 2014

Source: Defense Medical Surveillance System (DMSS),  
Theater Medical Data Store (TMDS) provided by the Armed Forces Health Surveillance Center (AFHSC)

Prepared by the Defense and Veterans Brain Injury Center (DVBIC)